

Lumos Technology Services Finds a High-Performance and Reliable Storage Solution with OSNexus and Seagate



Company Overview

Lumos Technology Services began at home, with founder Moses Varghese providing IT support to small businesses. As referrals poured in due to Moses' expert service and customer support, a full-time operation ensued. Lumos now boasts a five-star helpdesk, 24/7 cybersecurity monitoring team, and a top tier datacenter. Lumos has an incredibly knowledgeable team of experts dedicated to the success and security of their clients, a passion for the success of every partner, and a desire to see them protected and outfitted to face the IT challenges of the 21st century. With a strong commitment to its core values of integrity, value, humility, persistence, and excellence, Lumos provides values-driven IT services that promote security and privacy throughout all facets of the IT process.

At a Glance

Challenge: Replace current storage platform with a platform that can grow with their business.

Solution: OSNexus QuantaStor

Hardware Platform: Seagate Exos E 2U24 & E 5U84

Use Case: Virtualization / Backup

Benefits

- ✓ High-performance
- ✓ Easy deployment
- ✓ Scalable
- ✓ Reliable solution

The Lumos IT team was struggling to find a new solution that would be cost-effective and fit their reliability, high-performance, and flexibility requirements. In addition, Lumos needed something that could be tested appropriately before purchasing given their prior experience with an unreliable software platform.

“ We are extremely happy with QuantaStor on the Seagate AP platform. This is what I expect from enterprise storage and Seagate & OSNexus delivered. ”

LUMOS
Technology Services

The Challenge

Lumos Technology Services initially selected an unstable SDS solution for their VMware storage and backup needs that was unreliable even after many weeks of triage.

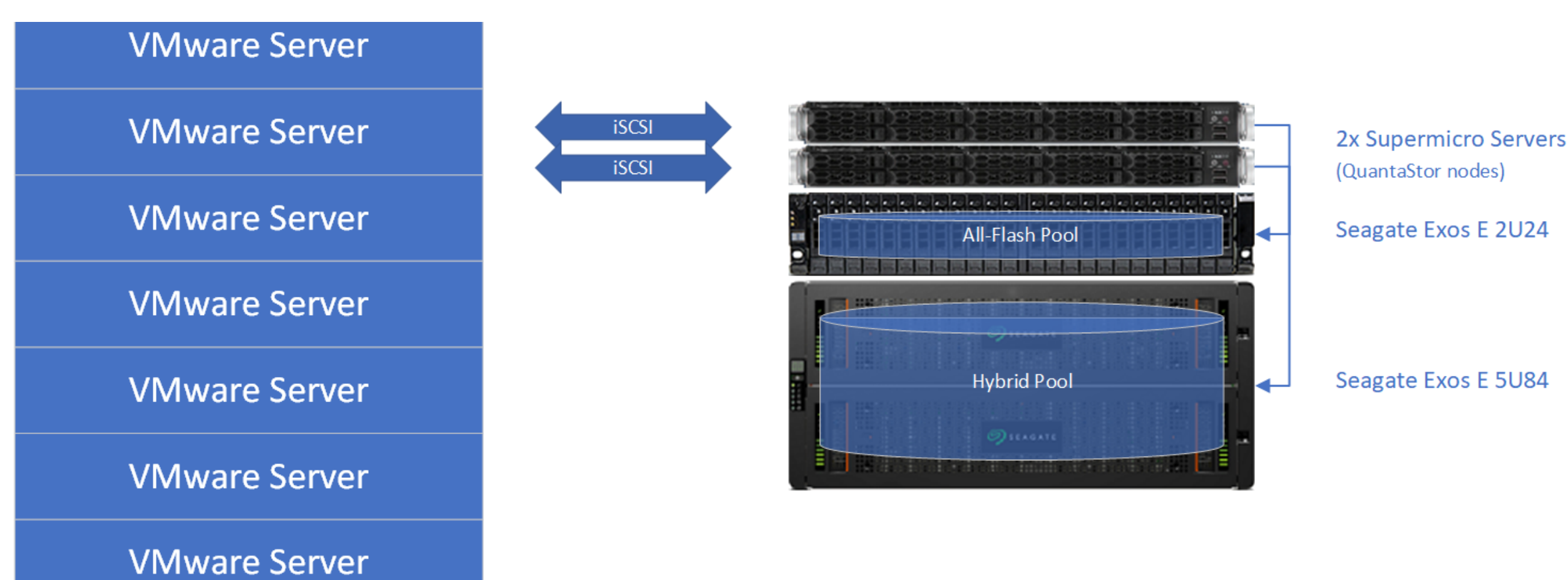


The Solution

When Lumos found OSNexus QuantaStor + Seagate storage solutions, they were able to test out the solution, see the benefits of the software and the deep integration with Seagate hardware to verify that it met all their requirements. Complete install and configuration of QuantaStor 6 on the Seagate systems took less than two hours. At the end of the setup, storage was configured and delivered to their VMware cluster and Lumos was already moving VMs into production. In working with the OSNexus support team to set up, Lumos remarked “OSNexus support is first class and a great team.”

The Result

Lumos has seven VMware hosts with a mix of hardware as the compute servers and QuantaStor is loaded on a pair of Supermicro AS-2024US that serve as controllers coupled with a Seagate Exos E 2U24 and E 5U84. Data moves between all devices using iSCSI protocol and Aruba 3810 series switches at 10 GbE.



“ OSNexus QuantaStor on Seagate systems is allowing for our company to grow worry free. We no longer have to try to find free space on our old storage solution or spend money on temporary solutions. ”

- Marty Listwan, Technical Lead at Lumos

About OSNexus

OSNexus helps organizations manage and scale their storage environments with greater efficiency, flexibility, and performance with its industry-leading QuantaStor™ platform. QuantaStor addresses a broad set of storage use cases including server virtualization, big data, cloud computing, and high-performance applications through scale-out physical and virtual storage appliances. OSNexus focuses on continuous innovation with a strong focus on product quality and industry-leading support to ensure customer and partner success with every deployment. QuantaStor is sold worldwide through managed hosting providers, OEMs, VARs, and System Integrators.

About Seagate

At Seagate, we're storing, protecting, and activating the world's data as explosive growth in cloud, AI, and machine learning drive the demand for breakthrough technology and mass-capacity storage solutions. It starts with innovation—where we put some of the most sophisticated nanoscale engineering and material science on the planet to work while bringing circularity and sustainability to our products. The result is industry-leading areal density that powers a full portfolio of devices, systems, and services for every data-driven ecosystem imaginable—from edge to cloud. Inspired by our values, we push beyond what's possible to create breakthrough technology so that you can safely store your data, and easily unlock its value. Learn more at Seagate.com.